

Product Datasheet

Parainfluenza Virus3 (HPIV3) Mouse Monoclonal Antibody (Capture) (orb1921803)

Catalog Number	orb1921803
Category	Antibodies
Description	<p>The human parainfluenza virus (HPIV) is an enveloped, negative-sense, single-stranded RNA virus that belongs to the family of Paramyxoviridae. It is classified into four serotypes numbered from 1 to 4 (HPIV-1, HPIV-2, HPIV-3, and HPIV-4). Serotype 4 can even be more subdivided into HPIV-4A and HPIV-4B. HPIV can cause both upper respiratory tract infection (URTI) and lower respiratory tract infection (LRTI) in children usually under the age of 5, adults, immunocompromised adults, and the elderly. It is one of the major causes of morbidity and mortality in infants worldwide. These respiratory viruses were first observed in the late 1950s when they were isolated from children with croup and were known as croup-associated viruses.</p>
Clonality	Monoclonal
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Mouse
Form/Appearance	Purified, Liquid
Buffer/Preservatives	PBS, pH 7.4
Purity	>95% pure (SDS-PAGE)
Purification	Protein A Chromatography
MW	150 kDa

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Tested applications	CLIA
Specificity	Specific for HPIV3
Matched Pairs	Control: orb1921804; Capture: orb1921803; Detection: orb1921811;
Source	Mammalian cell
Sample Types	Test sample type: Nasopharyngeal swab /Oropharyngeal swab / Nasal swab. Test sample source: Human
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.

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